

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/ZA2004/000008

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 B29C41/06 B29C33/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B29C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 96/38281 A (AUTOMATED PLASTIC SYSTEMS PTY ; SIMS DOUGLAS ARTHUR (AU)) 5 December 1996 (1996-12-05)	1
Y	figure 7 page 15, line 13 - line 16	2,8,12
Y	US 5 358 682 A (ROGERSON L KEITH INT ROGERS) 25 October 1994 (1994-10-25) figures 1,3	8
Y	US 4 292 015 A (HRITZ MICHAEL) 29 September 1981 (1981-09-29) figure 9	8,12
A	US 3 677 670 A (MORI HISAYUKI ET AL) 18 July 1972 (1972-07-18) figures 4,5	8
	-/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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Date of the actual completion of the international search

2 July 2004

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15/07/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	BE 729 003 A (ATELIERS DE CONSTRUCTIONS ELECTRIQUES DE CHARLEROI) 27 August 1969 (1969-08-27) figure 1	2
Y	US 4 050 875 A (KATZMAN ALLISON W ET AL) 27 September 1977 (1977-09-27) figures 1,2	2
Y	US 4 690 626 A (KRZEPINSKI HORST) 1 September 1987 (1987-09-01) figure 4	12

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/ZA2004/000008

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9638281	A	05-12-1996	AU WO 5755696 A 9638281 A1	18-12-1996 05-12-1996
US 5358682	A	25-10-1994	NONE	
US 4292015	A	29-09-1981	NONE	
US 3677670	A	18-07-1972	DE 2022324 A1 GB 1300167 A	19-05-1971 20-12-1972
BE 729003	A	27-08-1969	NONE	
US 4050875	A	27-09-1977	DE 2820484 A1 FR 2425309 A1 GB 1591602 A	15-11-1979 07-12-1979 24-06-1981
US 4690626	A	01-09-1987	DE 8429732 U1 EP 0177906 A2	28-02-1985 16-04-1986